**Ecosystem Type: ICE AND SNOW**

**Category: Food, Fuel, and Materials**

1. **Materials**

***Supplier*** – Ice and snow provide a habitat that contains species, such as arctic mammals, for human consumption (Laidre et al., 2015). These ecosystems also provide other resources that can be used for materials like land and water (Baker and Mooney, 2012).

***Driver*** – not applicable

***Demander*** – not applicable

1. **Nutrition**

***Supplier*** – not applicable

***Driver*** - not applicable

***Demander*** - not applicable

1. **Energy**

***Supplier*** – not applicable

***Driver*** – not applicable

***Demander*** - not applicable

1. **Mediation of Waste, Toxics, and Other Nuisances**

***Supplier*** – not applicable

***Driver*** – not applicable

***Demander*** – not applicable

1. **Mediation of Flows**

***Supplier*** – not applicable

***Driver*** – not applicable

***Demander*** – not applicable

1. **Maintenance of Physical, Chemical, and Biological Indicators**

***Supplier*** – not applicable

***Driver*** – not applicable

***Demander*** – not applicable

1. **Spiritual, Symbolic, Religious, and Social Experiences**

***Supplier*** – not applicable

***Driver*** –not applicable

***Demander*** – not applicable

1. **Physical and Intellectual Interactions w/ Biota, Ecosystems, and Land/Seascapes**

***Supplier*** – not applicable

***Driver*** – not applicable

***Demander*** - not applicable

**Sources:**

Baker, B. and Mooney, S. (2013) The legal status of Arctic sea ice in the United States and Canada. *Polar Geography, 36*(1-2). <https://doi.org/10.1080/1088937X.2012.705914>. [abstract only]

Laidre, K.L. et al. (2015) Arctic marine mammal population status, sea ice habitat loss, and conservation recommendations for the 21st century. *Conservation Biology, 29*(3), 724-737. DOI: 10.1111/cobi.12474.